

## Amendments to the Specification

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Please amend the paragraph on page 14, lines 3-11 as follows:

As can be seen by comparing the data points on Figure 3, the model developed by regressing scores and process data yielded 340 data points out of a total of 425 data points that were within  $\pm 20$  percent of the laboratory value. Figure 4 is a plot of laboratory melt flow rate and validation data for predicted melt flow rates using the models created in connection with Figure 4. The validation was done with 569 data points obtained during a twelve-month period of time after collection of the data used in model building. As can be seen from Figure 4, predictions of melt flow rate using model validation data yielded 199 data points out of 569 data points that were within  $\pm 20$  percent of the laboratory value.